

Attorney's Docket No.: 17023-002US1 / NS-50

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael A. Apicella et al. Art Unit : 1645
 Serial No. : 09/077,572 Examiner : S. Devi
 Filed : June 1, 1998
 Title : NON-TOXIC MUTANTS OF PATHOGENIC GRAM-NEGATIVE BACTERIA

MAIL STOP AMENDMENT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

TERMINAL DISCLAIMER UNDER 37 CFR §§3.73(b) AND 1.321(b)

Pursuant to 37 CFR §3.73(b), UNIVERSITY OF IOWA RESEARCH FOUNDATION, a university, and THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a university, certify that they are the assignees of the entire right, title, and interest in the above application by virtue of:

A chain of title from the inventors of the patent application identified above, to the current assignee as shown below:

1. From Bradford W. Gibson to THE REGENTS OF THE UNIVERSITY OF CALIFORNIA. The document was recorded in the Patent and Trademark Office at Reel 010083, Frame 0800, a copy of which is attached.

2. From Michael A. Apicella, Melvin G. Sunshine, and Na-Gyong Lee to UNIVERSITY OF IOWA RESEARCH FOUNDATION. The document was recorded in the Patent and Trademark Office at Reel 010083, Frame 0818, a copy of which is attached.

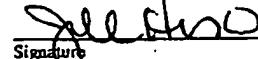
3. From Rasappa Arumugham to AMERICAN CYANAMID CORPORATION. The document was recorded in the Patent and Trademark Office at Reel 010088, Frame 0026, a copy of which is attached.

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